PTO/SB/08A (08-03) Stitute for form 1449A/PTO Complete if Known **Application Number** 10/633,015 INFORMATION DISCLOSURE July 31, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor PAVLOVSKAIA, ELENA Art Unit Unassigned (use as many sheets as necessary) **Examiner Name** Unassigned 018563-002920US Sheet Attorney Docket Number

	U.S. PATENT DOCUMENTS+				
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Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	1	₹ER	0091876	A1	10-19-1983	Duret		
	2 .	-EP	0299490	A2-	01-18-1989	Steinbichler et al.		M
	3	EP	0376873	A2	07-04-1990	Shafir		
	4	EP	0490848	A2 -	06-17-1992	Nobelpharma-AB-		
	5	EP	0541500	A1	06-12-1998	Nobelpharma AB		
	6	EP.	0731673	B1	-00-18-1998	Andersson et al.		
	7	EP	0774933	B1	05-28-1997	Oden et al.		
	8	FR	2652256		03-29-1991	Jourda ·		X
	9	PR	2369828	Al	06-02-1978	Suyehire .		Ø
	10	\$NO.	90/08512	A1	08-09-1990	Dolphin Imagino Systems		
	11	WO	91/04713	A1	-04-18-1991	Jourda et al-		
	12	WO	94/10935	A1	05-26-1994	Omco Corporation		
	13	WO	98/44865	A1	10-15-1998	-Nebel Biocare		
	14	WO	98/58596	A1	12-30-1998	Align Technology		

Examiner Signature	Todd E. Manahan	Date Considered	6-20-05

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tute for form 1449B/PTO Complete if Known TRAVE TRADE Application Number 10/633,015 **INFORMATION DISCLOSURE** Filing Date July 31, 2003 STATEMENT BY APPLICANT PAVLOVSKAIA, ELENA First Named Inventor Art Unit Unassigned (use as many sheets as necessary) Examiner Name Unassigned 2 9 Attorney Docket Number 018563-002920US of Sheet

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Examiner Initials *	Cite	Include name of the author (in CAPITAL LETT (book, magazine, journal, serial, symposium publisher, city an		te, page(s), volume-issue number(s),	T ²
	15	ALEXANDER et al., "The DigiGraph Wor 1990), pp. 402-407.		<i>/</i> ·	
	16	ALTSCHULER et al, "Measuring Surface SPIE Imaging Applications for Automate (1979), p. 187-191.	d Industrial Insp	ection and Assembly, vol. 182	
	17	ALTSCHULER et al., "Analysis of 3-D Di Studies of Oral-Facial Structures, " IADR 57th General Session, IADR Annual Ses Marriot, Journal of Dental Research, Vol	t Abstracts, Prog sion, March 29, . 58, January, 19	gram and Abstracts of Papers, 1979 - April 1, 1979, New Orleans 979, Special Issue A, p. 221.	
	18	ALTSCHULER et al., "Laser Electro-Opt Topographic Mapping of Surfaces," Opti	ic System for Ra cal Engineering,	apid Three-Dimensional (3D) , Vol. 20(6) (1981), pp. 953-961.	
	19	ALTSCHULER, "3D Mapping of Maxillopage total			
•	· 20	American Association for Dental Revear Angeles, CA, p. 195.	ch, Summary of	Activities, March 20-23, 1980, Los	
	21	ANDERSSON et al., "Clinical Results wi Duplication and Spark Erosion," Acta Oc 286.	til Titanium Crov Iontological Sca	wns Fabricated with Machine ndinavia, vol. 47 (1989), pp. 279-	
	22	BAUMRIND et al., "A Stereophotogramm Loosening in Total Hip Arthroplasty", NA Biostereometrics, July 9-13, 1978," SPIE	TO Symposium Vol. 166, pp. 1	on Applications of Human 12-123.	,
	23	BAUMRIND et al., "Mapping the Skull in Association, Vol. 48, No2 (1972 Fall Is			
,	24	BAUMRIND, "A System for Craniofacial Stereo X-Ray Films and Stereo Photogra American Society of Photogram. Sympos University of III., Aug. 26-30, 1975, pp. p	aphs," An Invited sium on Close-F	paper submitted to the 1975	
	25	BAUMRIND, "Integrated Three-Dimension and Perspectives," Seminars in Orthodol	onal Craniofacia ntics, Vol. 7, No	. 4 (Dec. 2001), pp. 223-232.	
	26	BEGOLE et al., "A Computer System for Orthodontist, Vol. 51 No. 3 (July 1981), p	p. 253-259.		
	27	BERNARD et al., "Computerized Diagno Progress Report", Abstracts of Papers, J March 9-13, 1988, p.169.	lournal of Denta	I Research; Vol. 67, Special Issue	
	76	BHATIA et al., "A Computer-Aided Desig Oral and Maxillofacial Surgery, Vol. 22 (
Examiner Signature		Todd E. Manahan	Date Considered	6-20-05	

Primary Eveminar EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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First Named Inventor	PAVLOVSKAIA, ELENA				
Art Unit	Unassigned				
Examiner Name	Unassigned				
Attorney Docket Number	018563-002920US				

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	28	BIGGERSTAFF et al., "Computerized Analysis of Occlusion In The Postcanine Dentition," American Journal of Orthodontics, Vol. 61, No. 3 (Mar. 1972), pp. 245-254	
	30	BIGGERSTAFF, "Computerized Diagnostic Setups and Simulations," The Angle Orthodontist, Vol. 40, No. 1 (Jan. 1970), pp. 28-36.	
	31	BOYO et al., "Three Dimensional Diagnosis and Orthodontic Treatment of Complex Malocolusions Wlith the Invisalign Appliance"," Seminars in Orthodontics, Vol. 7, No. 4 (Dec. 2001), p. 274-293.	
	32	BRANDESTINI et al., "Computer Machined Ceramic Inlays: In Vitro Marginal Adaptation," Journal of Dental Research, Vol. 64/Special Issue/Abstracts, IADR/AADR Abstracts 1985, p. 208	
	33	BROOK et al., "As Image Analysis System for the Determination of Tooth Dimensions from Study Casts: Comparison with Manual Measurements of Mesio-distal Diameter, J Dent Res., Vol. 65, No. 3, March 1986, pp. 428-431.	
	34	BURSTONE (interview), *Dr. Charles J. Burstone on The Uses of the Computer in Orthodontic Practice (Parts) and 2) *Journal of Clinical Orthodontics, (Part 1) Vol. 8, No. 7, July 1979; (Part 2) Vol. 8, No. 8 pp. 539-551, Aug. 1979.	
	35	BURSTONE et al., "Precision Adjustment of the Transpalatal Lingual Arch: Computer Arch Form Predetermination," Am Journal of Orthodontics, Vol. 79, No. 2 (Feb. 1981), pp. 115-133.	
	36	CHACONAS et al., "The DigiGraph Work Station, Part 1, Basic Concepts," JCO (June 1990), pp. 360-367.	
	37	CHAFETZ et al., "Subsidence of the Femoral Rrosthesis, A Stereophotogrammetric Evaluation," Clinical Orthopaedics and Related Research, No. 201 (December 1985), pp. 60-67.	
	38	CHIAPPONE, "Constructing the Gnathologic Setup And Positioner" J. Clin. Orthod., 14:121-133, 1980.	
	39	COTTINGHAM, "Gnathologic Clear Plastic Positioner" Am. J. Orthod., Vol. 55, No. 1, (January 1969),. pp. 23-31.	
	40/	CRAWFORD, "Computers in Dentistry: Part 1: CAD/CAM: The Computer Moves Chairside," "Part 2: F. Duret — A Man With A Vision," "Part 3: The Computer Gives New Vision- Literally," "Part 4: Bytes 'N Bites" The Computer Moves From The Front Desk To The Operatory, Canadian Dental Journal, vol. 54(9), (1988), pp. 661-666.	
	41	CRAWFORD, "CAD/CAM in the Dental Office: Does It Work?" Canadian Dental Yournal, Vol. 57, No. 2 (Feb. 1991), pp. 121-123.	
	42	CROOKS, "CAD/CAM Comes to USC," USC Dentistry, (Spring 1990) pp. 14-17.	

		<u> </u>	
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	43	CURETON, "Correcting Malaligned Mandibular Incisors With Removable Retainers" J. Clin. Orthod., 30:390-395, 1996.	
	44	CURRY et al., "Integrated Three-Dimensional Craniofacial Mapping at the Craniofacial Research Instrumentation Laboratory/University of the Pacific," Seminars in Orthodontics, Vol. 7, No. 4 (Dec. 2001), pp. 258-265.	
	45	CUTTING et al., "Three-Dimensional Computer-Assisted Design of Craniofacial Surgical Procedures: Optimization and Interaction with Cephalometric and CT-Based Models," Plastic and Reconstructive Surgery, Vol. 77, No. 6 (June 1986), pp. 877-885.	
	46	DCS Dental AG, "The CAD/CAM 'DCS Trian System' for Production of Crowns/Bridges" DSC Production AG, Jan. 1992, pp. 171.	
	47	DEFRANCO et al., Three-Dimensional Large Displacement Analysis of Orthodontic Appliances," J. Biomeshanics, Vol. 9 (1976), pp. 793-801.	
	48	Dental Institute University of Zurich Switzerland, Program for International Symposium on Computer Restorations: State of the Art of the CEREC-Method, May 1991, 2 pages total.	
	49	DenTrac Corporation, Dentrac document, pp. 4-13.	
	50	DURET et al, "QAD-CAM in Dentistry," Journal of the American Dental Association, Vol. 117 (Nov. 1988), pp. 715-720.	
	51	DURET et al., *CAD/CAM Imaging in Dentistry,* Current Opinion in Dentistry, Vol. 1 (1991), pp. 150-154.	
	52	DUBET, "Vers une prosthese informatisee," (English translation also attached), <i>Tonus</i> , vol. 75, (Nov. 15, 1985), pp. 55-57.	
	53	DURET, "The Dental CAD/CAM, General Description of the Project," Hennson International Product Brochure, Jan. 1986., 18 pages total.	
`	54	ECONOMIDES, "The Microcomputer in the Orthodontic Office," JCO, (Nov. 1979), pp. 767-772.	
	55	ELSASSER, "Some Observations on the History and Uses of the Kesling Positioner" Am. J. Orthod., Vol. 36, No. 5, (May1950) pp. 368-374.	
	56	FABER et al., "Computerized interactive orthodontic treatment planning," Am. J. Orthod., Vol. 73, No. 1 (Jan. 1978), pp. 36-46.	_
	57	FELTON et al. "A computerized analysis of the shape and stability of mandibular arch form," Am. Journal of Orthodontics and Dentofacial Orthopedics, Vol. 92, No. 6 (Dec. 1987), pp. 478-483.	
	58	FRIEDE et al., "Accuracy of Cephalometric Prediction in Orthognathic Surgery, "Abstract of Papers, Journal of Dental Research, Vol. 70 (1987), pp. 754-760.	

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Signature	Todd E. Manahan	Considered	6-20-05

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	59	GIM-ALLDENT Deutschland, "Das DUX System: Die Technik" 2 pages total.	
	60	GRAYSON, "New Methods for Three Dimensional Analysis of Craniofacial Deformity," Symposium: Computerized Facial Imaging in Oral and Maxilofacial Surgery Presented on September 13, 1990, AAOMS 72nd Annual Meeting and Scientific Sessions, Sept. 13, 1990, New Orleans, Journal of Oral and Maxillofacial Surgery, Vol. 48, no. 8, Supp. 1, August 1990, p. 5-6.	
	61	GUESS et al., "Computer Treatment Estimates in Orthodontics and Orthognathic Surgery, UCO, (April, 1989), pp. 262-28.	
	62	HEAVEN et al., "Computer-based Image Analysis of Artificial Root Surface Caries," Abstracts of Papers, Journal of Dental Research, Vol. 70,April 17-21, 1991, p. 528.	
Y	63	HOFFMANN et al., "Role of Cephalometry for Planning of Jaw Orthopedics and Jaw Surgery Procedures," (Article Summary in English, article in German), Informationen, (March 1991), pp. 375-396.	
	64	HUCKINS, "CAD-CAM Generated Mandibular Model Prototype from MRI Data," AAOMS 1999, p. 96.	
	65	JCO Interviews, "Craig Andreiks, DDS MS on the Elan and Orthos Systems", JCO, (Aug. 1994), pp. 459-468.	
	68	JCO Interviews, "Dr. Homer W. Phillips on Computers in Orthodontic Practice, Part 2," JCO, (Dec. 1983), pp. 819-831.	
	67	JERROLD, "The Problem Electronic Data Transmission and the Law," AJO-DO, (Apr. 1988), pp. 478-479.	
	68	JONES et al., "An Assessment of the Fit of a Parabolic Curve to Pre- and Post-Treatment Dental Arches," British Journal of Orthodontics, Vol. 16 (1989), pp. 85-93.	
	69	KAMADA et al., "Case Reports on Tooth Positioners Using LTV Vinyl Silicone Rubber" J. Nihon Upiversity School of Dentistry, 26(1):11-29, 1984.	
	70	KAMADA et al., "Construction of Tooth Positioners With LTV Vinyl Silicone Rubber and Some Case Reports" J. Nihon University School of Dentistry, 24(1):1-27, 1982.	
	71/	KANAZAWA et al., "Three-Dimensional Measurements of the Occlusal Surfaces of Upper Molars in a Dutch Population," <i>J. Dent Res.</i> , Vol. 63, No. 11 (Nov. 1984), pp. 1298-1301.	
1	72	KESLING, "Coordinating the Predetermined Pattern and Tooth Positioner With Conventional Treatment" Am. J. Orthod. Oral. Surg., 32:285-293, 1946.	
	73	KESLING, "The Philosophy of the Tooth Positioning Appliance" Am. J. Orthod. Oral. Surg., 31(6):297-304, 1945.	

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	74	KLEEMANN et al., "The Speed Positioner" J. Clin. Orthod., 30:673-680, 1996.	
	75	KURODA et al., "Three-dimensional dental cast analyzing system using laser scanning" Am. J. Orthod. Dentofac. Orthop., 110:365-369, 1996.	
	76	LAURENDEAU et al., "A Computer-Vision Technique for the Acquisition and Processing of 3-D Rrofiles of Dental Imprints: An Application in Orthodontics," IEEE Transactions on Medical Imaging, Vol. 10, No. 3 (Sept. 1991), pp. 453-461.	
	77	LEINFELDER et al., "A new method for generating ceramic restorations: a CAD-CAM system," Journal Of The American Dental Assoc., Vol. 118, No. 6 (Jun. 1989), pp. 703-707.	
	78	MANETTI et al., "Computer-aided Cefalometry and New Mechanics in Orthodontics" (Article Summary in English, article in German), Fortschr. Kieferorthop. 44, 370-376 (Nr. 5), 1983	
	79	MCCANN, "Dental Technology", Inside the ADA, Journal Of The American Dental Assoc., Vol. 118 (March 1989) pp. 286-294.	
	80	MCNAMARA et al., "Invisible Retainers", J. Clipical Orthodontics, (August 1985) pp. 570-578.	
	81	MCNAMARA et al., Chapter 19: Invisible Retainers, Orthodontic and Orthopedic Treatment in the Mixed Dentition, Needham Press, January 1993. pp.347-353.	
	82	MOERMANN et al., "Computer Machined Adhesive Porcelain Inlays: Margin Adaptation after Fatigue Stress," IADR Abstract 339, Journal of Dental Research, vol. 66(a) (1987), p. 763.	
	83	MÖRMANN et al., "Marginal Adaptation von adhasiven Porzellaninlays in vitro, "Schwizerische Monatsshrift fur Zahnmedizin, Vol. 85 (1985), p. 1118-1129.	
	84	NAHOUM, "The Vacuum Formed Dental Contour Appliance" The New York State Dental Journal, 30(9):385-890, Nov. 1964.	
	85	NASH, "CEREQ CAD/CAM Inlays: Aesthetics and Durability in a Single Appointment," Dentistry Today, (October 1990), pp. 20, 22-23, 54.	
	86	NISHIYAMA et al., "A New Construction Of Tooth Repositioner By LTV Vinyl Silicone Rubber" J. Nihon University School of Dentistry, 19(2):93-102, 1977.	
	87	PINKHAM, "Foolish' Concept Propels Technology," Dentist, Jan / Feb. 1989, 3 pages total.	
	88 .	PINKHAM, "Inventor's CAD/CAM may transform dentistry," Dentist, Sept. 1990, 3 pages total.	
	89	PONITZ," Invisible Retainers", Am. J. Orthodontics, Vol. 59, No. 3, March 1971, pp. 266-272.	

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First Named Inventor PAVLOVSKAIA, ELENA

Art Unit Unassigned

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	90	Procera Research Projects, PROCERA Research Projects 1993 — Abstract Collection, 1993, pp. 3-24.	
	91	REKOW, "A Review of the Developments in Dental CAD/CAM Systems,"(contains references to Japanese efforts and content of the papers of particular interest to the clinician are indicated with a one-line summary of their content in the bibliography), Dental Clinics: Prosthodontics and Endodontics, pp.25-33, 1992.	
	92	REROW, "CAD/CAM in Dentistry: A Historical Perspective and View of the Puture," Journal, Vol. 58 No. 4, (April 1992), pp. 283, 287-288.	
	93	REKOW, Computer-Aided Design and Manufacturing in Dentistry: Review of the State of the Art," The Journal of Prosthetic Dentistry, Vol. 58, No. 4 (Opt. 1987), pp. 512-516.	
	94	REKOW, "Dental CAD-CAM Systems: What is the State of the Art?" Journal of the American Dental Assoc., Vol. 122 (1991), pp. 43-48.	
-	95	REKOW, "Feasibility of an Automated System for Production of "Dental Restorations," PhD Thesis, Univ. of Minnesota, Nov. 1988, 244 pages total.	
	96	RICHMOND et al., Research Reports, "The Development of a 3D Cast Analysis System," British Journal of Orthodontics, Vol. 13, No. 1, (January 1986) pp. 53-54.	
	97	RICHMOND, "Recording The Dental Cast In Three Dimensions," Am. J. Orthod. Dentofac. Orthop., Vol. 92, No. 3, (Sept. 1987), pp.199-206.	
	98	RUDGE, "Dental arch analysis, arch form, A review of the literature," European Journal of Orthodontics, Vol. 3, No. 4 (1981), pp.279-284.	
	99	SAKUDA et al., "Integrated information-processing system in clinical orthodontics: An approach with use of a computer network system," Am. J. Orthod. Dentofac. Orthop. Vol. 101 No. 3 (March 1992), pp. 210-220.	
	100	SCHELLHAS et al., "Three-Dimensional Computed Tomography in Maxillofacial Surgical Planning," Arch Otolamgol Head Neck Surg. Vol. 114 (April 1988), pp. 438-442.	
	101 -	SHILLIDAY, "Minimizing finishing problems with the mini-positioner" Am. J. Orthod. 59:596-599, 1971	
	102	Sigmens, "CEREC - Computer-Reconstruction, "High Tech in der Zahnmedizin, 14 page total.	
E	183	Sirona Dental Systems GmbH, CEREC 3D, Manuel utilisateur, Version 2.0X (in French), 2003, 114 pages total.	
1	104	STOLL et al., "Computer-aided Technologies in Dentistry" (Article Summary in English, article in German), Dtsch Zahnärztl Z 45, 314-322, 1990.	

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	105	U.S. Department of Commerce, National Technical Information Service, "Automated Crown Replication Using Solid Photography SM," Solid Photography Inc. Melville NY, October 1977, 20 pages total.	
`	106	U.S. Department of Commerce, National Technical Information Service, "Holodoptography: An Introduction to Dental Laser Holography," School of Aerospace Medicine Brooks AFB Tex. March 1973, 37 pages total.	
	107	U.S. Provisional Patent Application No. 60/050342, filed on June 20, 1987, 41 pages total.	
	108	VAN DER LINDEN et al., "Three-Dimensional Analysis of Dental Casts by Means of the Optocom," J Dent Res, July-August 1972, Vol. 51, No. 4, p. 1100.	
	109	VAN DER LINDEN, "A New Method to Determine Tooth Positions and Dental Arch Dimensions," July-August 1972, p. 1104.	
	110	VAN DER ZEL, "Ceramic-fused-to-metal Restorations with a New CAD/CAM System," Quintessence International, vol. 24(11) (1993), pp. 769-778.	
	111	VARADY et al., * Reverse engineering of geometric modelsan introduction. Computer-Aided Design, 29 (4):255-268, 1997	
	112	WARUNEK et al., "Clinical use of Shicone elastomer appliances" JCO, MH (10):694-700, 1989.	
	113	WARUNEK et al., "Physical And Mechanical Properties of Elastomers In Orthodontic Positioners" Am. J. Orthod. Dentofac. Orthop., 95:388-400, 1989.	
	114	WELLS, "Application of the Positioner Appliance in Orthodontic Treatment" Am. J. Orthodont., 58:381-366, 1970.	
	115	WILLIAMS, Dentistry and CAD/CAM: Another French Revolution, Journal of Dental Practice Admin., Jan./March 1987, pp. 2-5.	
	116	WILLIAMS, "The Switzerland and Minnesota Developments in CAD/CAM," Journal of Dental Practice Admin., pp. 50-55, April/June 1987.	
	117	WISHAN, "New Advances in Personal Computer Applications for Cephalometric Analysis, Growth Prediction, Surgical Treatment Planning and Imaging Processing, "Symposium: Computerized Facial Imaging in Oral and Maxilofacial Surgery Presented on September 13, 1990, AAOMS 72nd Annual Meeting and Scientific Sessions, Sept. 13, 1990, New Orleans, Journal of Oral and Maxillofacial Surgery, Vol. 48, no. 8, Supp. 1, August 1990, p. 5.	
<i></i>	118	YAMAMOTO et al., "Three-Dimensional Measurement of Dental Cast Profiles and Its Applications to Orthodontics," Annual Int'l Conf. of IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 5, pp. 2051-2053, 1990	

Examiner Signature	Todd E. Manahan	Date Considered	6-20-05

EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary) 9 Sheet 9 of

Complete if Known			
Application Number	10/633,015		
Filing Date	July 31, 2003		
First Named Inventor	PAVLOVSKAIA, ELENA		
Art Unit	Unassigned		
Examiner Name	Unassigned		
Attorney Docket Number	018563-002920US		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date_page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	119	YAMAMOTO et al., "Optical Measurement of Dental Cast Profile and Application to Analysis Of Three-Dimensional Tooth-Movement in Orthodontics," Frontiers in Med. and Biol. Eng'g, Vol. 1, No. 2 (1988), pp. 119-130.	

Examiner Date Todd E. Manahan Considered Signature